

PERSONAL INFORMATION

First name / Last name

JAIME JIMÉNEZ

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Website

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+358442992827

Date of birth

April 28, 1983

WORK EXPERIENCE

Dates

December 2008 - Ongoing

Occupation or position held

Senior Researcher – Services, Media and Networks

Main activities and responsibilities

- Collaborate with the BUs in building an IoT Device Management and Application solution for Ericsson's portfolio. The tasks involve, architecture, design and providing insights on the various technologies available.
- Research on Internet of Things (IoT). Leading Ericsson Research from the IoT Device Management perspective. Standardizing our solutions in the Capillary Networks area and contributing to Ericsson's patent portfolio.
- During my time as researcher in Ericsson I have authored more than [15 patents](#). The areas of the inventions are **Internet of Things** and **Distributed Systems**.
- First prize at the ICT Showroom competition. Tutoring selected Åbo Akademi Aalto on students on two different winning IoT projects.
- Worked as coordinator on several external European and Finnish projects in several roles: FP7 COMMUNE
- Worked as architect on internal IoT project developing a solution for Low Energy IoT Device Management.
- Evolved Capillary Networks prototype demo in the MWC15.
- Managed an industrial designer for a prototyping project. This involved ideation, funding and creation of a 3D printed sensor hardware components.
- Worked in device design and prototype manufacture for a Distributed Sensor and Actuator Network.
- Implementation and research in the Internet of Things (IoT), OMA Lightweight M2M (LWM2M), Constrained Application Protocol (CoAP), ZigBee, Wireless Sensor Networks and embedded devices area. Pursuing those activities in the relevant Standard bodies.
- Implementing a prototype for the decentralization of Session Initiation Protocol (SIP) telecommunications.
- Supervised 5 Master's Theses students.

Standards Orgs

Co-Chair of the Constrained RESTful Environments (CoRE) Working Group at the IETF

Standardization of the Constrained Application Protocol (CoAP), a specialised web transfer protocol for constrained IoT devices. <https://tools.ietf.org/wg/core/>

IPSO Smart Objects Chair / Main contributor

Standardizing data models for Internet of Things. <https://github.com/IPSO-Alliance/pub>

Employer

Ericsson Finland, www.ericsson.com

Occupation or position held

Software Engineer

Main activities and responsibilities

Researching security in online banking transactions, Smartcard research, setting Unix and Windows environments, Network Set Up and Administration, management of Virtual Machines as well as translation of technical papers.

Employer

University Carlos III and Department of IT Security Evaluation, www.evalues.es

Type of business or sector

Education

Dates	October 2006 – May 2007
Occupation or position held	Trainee
Main activities and responsibilities	Software installation, maintenance and technical support for Windows workstations.
Employer	Viajes IberoService, www.iberoservice.com
Type of business or sector	Tourism
EDUCATION	
Dates	2009 - 2011
Title of qualification awarded	Master's program "Communications Systems, Security and Mobile Computing"
Principal subjects/occupational skills to be covered	Advanced Internetworking, Internet Security and Privacy, ICT Entrepreneurship and Venture Creation, Network Services, Advanced Routing in Packet Networks, Management of Networks and Networked Systems, Security in Mobile and Wireless Networks.
Scholarships	NordPlus Scholarship (2010-2011) granted for excellent EU/EEA citizens, funded by the Nordic Council of Ministers.
Name and type of organisation providing education and training	KTH Royal Institute of Technology, School of Information and Communication Technology, Stockholm, Sweden, www.kth.se Aalto University (TKK), School of Science and Technology, Helsinki, Finland, www.aalto.fi
Dates	2003 – 2007
Title of qualification awarded	Graduate Computer Engineer, Major: Programming
Principal subjects/occupational skills to be covered	Programming, Intra/Inter-domain Routing, Databases, Software Development, Computer Architecture and Organization.
Name and type of organisation providing education and training	"Carlos III" University, School of Computing, Madrid, Spain, www.uc3m.es
PERSONAL SKILLS AND COMPETENCES	
LANGUAGES	Spanish, English, German, Italian
Spanish	Mother tongue
English	Fluent CPE (C2.2)
German	Advanced (C1)
Italian	Advanced (C1.2)
COMPUTER / TECHNICAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> • Programming: Javascript, Java, C, Python and Shell Scripting. • Research: LaTeX, XML, IETF tools, Gantt management graphs. • Emulation/Simulation: Among others OverSim, OMNet, GNS3 and VBox. • General: Comfortable in most common UNIX-based systems (MacOSX, Linux, FreeBSD) as well as Windows.
SOCIAL SKILLS AND COMPETENCES	<ul style="list-style-type: none"> • Teamwork: worked in various types of teams: self-managed teams (during the studies and first year at Ericsson), project teams, sports teams (Junior Handball and Football School League in Spain, Finnish Football Company League in Ericsson Team) as well as later on in various standardization bodies (IETF, OMA, IPSO).
OTHER SKILLS AND COMPETENCES	Co-ideating and planning projects, managing and supervising projects, coordinating among different partners and institutions, budget projecting, assuring material/ technical / human resources.

INTERESTS

Research & Entrepreneurship, Future Technologies & Innovative use of technology, Vintage patents, Photography, Football, Travel, Cuisine, and Languages.